Inter-National Research Institute, Inc.

12350 Jefferson Avenue • Suite 400 • Newport News, Virginia 23602-6956
(757) 249-1234 • Fax: (757) 249-1236

To: ECPN Sites

From: Inter-National Research Institute, Inc.

Subject: Addendum to the *Software Version Description for Electronic Commerce Processing Node, Version 2.2*

Date: July 14, 1999

Several items pertaining to ECPN Version 2.2 were discovered after the publication of the *Software Version Description for Electronic Commerce Processing Node, Version 2.2.* This addendum addresses these items.

NOTE: Because some of the items listed pertain to the archival of ECPN Version 2.1, you should read this addendum *before* installing ECPN Version 2.2.

1. *Problem:* In Appendix J of the *System Administrator's Guide for Electronic Commerce Processing Node, Version 2.2*, the instructions for running the MsgReporter utility automatically as a cron job are incorrect.

   Solution: The instructions were revised as follows:

   (System Administrator only) Create a crontab file containing the following one-line command:

   ```
   0 3 * * * /h/EC/progs/MsgReporter
   ```

   The first five fields in this command represent the following:

   - The first field represents minutes after the hour.
   - The second represents the hour (24-hour format).
   - The third represents the day of the month.
   - The fourth represents the month.
   - The fifth represents the day of the week (0-6).

   Note that an asterisk in a field represents *every* instance of the value of the field. For example, the * in the third field specifies that MsgReporter should run every day of the month. In its entirety, the command specifies that MsgReporter should run every day of every month at 3 a.m. (0300). You may specify another hour by replacing the 3.

2. *Problem:* The Archive Viewer Segment was not delivered with ECPN Version 2.2.

   Solution: Use Archive Viewer Segment Version 2.0.0.1 for ECPN Version 2.1. This segment is current and was delivered with ECPN 2.1.

3. *Problem:* When ECPN Version 2.1 is archived, the ecdw_config file is not backed up.

   Solution: The ecdw_config file should be manually backed up and restored.

4. *Problem:* The ECPN Version 2.2 Registry file does not contain the last message object sent to the Electronic Commerce Data Warehouse (ECDW).

   Solution: The entry for the last message object should be manually copied from the ECPN Version 2.1 Registry file and added to the ECPN Version 2.2 Registry file. The last message object entry is named as follows:

   ecdw.Last_Date_MSN: YYYY-MM-DD-<8-digit MSN>

   where,

   YYYY = 4-digit year (e.g., 1999)
   MM = 2-digit month (e.g., 03)
   DD = 2-digit day (e.g., 09)

5. *Problem:* ECPN Version 2.2.0.2 is only available as an electronic download.

   Solution: To install ECPN Version 2.2.0.2, follow these instructions (originally distributed via email on 24 June 99):

   1) Download the file via FTP binary transfer mode from the following location:

   machine: k410.ecpn.nn.inri.com (the K410 machine at INRI Newport News)
   login: ec_pub
   password: vinson1
   directory: current
   file: ECPN_2.2.0.2.tar.Z

   2) Stop the ECPN processes. To do so, from the system administrator's menu, select Software > Stop ECPN Software.

   3) Log in to ECPN as `root`.

   4) Enter the following command to create a temporary directory:

   ```
   mkdir -p /h/ECPN_2.2.0.2
   ```

   5) Move or download the ECPN_2.2.0.2.tar.Z file into the /h/ECPN_2.2.0.2 temporary directory.

   6) Enter the following commands to uncompress and extract the file:

   ```
   cd /h/ECPN_2.2.0.2
   uncompress ECPN_2.2.0.2.tar.Z
   tar xvf ECPN_2.2.0.2.tar
   ```

   7) Enter the following command to install the modified executables with appropriate permissions:

   ```
   ./PostInstall
   ```

   8) Restart the ECPN software.

6. *Problem:* The db_merge description provided in Appendix I of the *Software User's Guide for Electronic Commerce Processing Node, Version 2.2,* is incomplete.

   Solution: The db_merge explanation now includes additional information requested by the sites. The revised explanation is as follows:

   This appendix describes how to merge two routing databases or two communications channel databases into a single database using a software program named db_merge. Database merging typically occurs before a Continuity of Operations (COOP), when the site assuming communications from the remote site merges the remote routing database and communications channel database into their local routing database and communications channel database. Note that db_merge can be used when ECPN is running or when it is down.

   To use db_merge:

   1) The db_merge program does *not* overwrite the data in the local database with the data from the remote site. In other words, if routes or channels for the remote site currently exist in your local databases, these routes or channels will not be overwritten during the merge. To ensure that the most current information for the remote site is contained in your local databases after the merge, you should remove any existing routes or channels for that remote site from your local databases as follows:

   - To remove routes: Select Databases > Routing DB and then select each route to be deleted, followed by Edit > Delete.
   - To remove channels: Select Communications > Communications Manager and then select each channel to be deleted, followed by Edit > Delete.

   2) Using FTP, go to the following directory on the remote system:

      /h/data/global/EC/Messages

   3) Copy to your local system the remote database file (either ChannelDB.ndx or Route_DB.ndx) that you wish to merge with the local database.

   NOTE: You may copy the remote database file to any location on your local system *except* the local /h/data/global/EC/Messages directory. If you copy the remote database file to this local directory, you will overwrite the local database file with the same name.

   4) Enter this command at the command prompt:

   ```
   db_merge r | c <database>
   ```

   Use the `r` option to merge a remote routing database into your local routing database. Use the `c` option to merge a remote communications channel database into your local communications channel database. For `<database>`, substitute the path (either relative or absolute) and the name of the remote database containing the routes or channels to merge.

During the merging process, the db_merge program adds to your local database any new routes or channels from the remote database. Note that for the communications channel database, db_merge only merges in the database entries. Any scripts (ZMODEM, CLEO, or Kermit) are *not* merged.

5) Remove the remote database file that you copied to your local system in Step 3.